PHILIPS

Lighting



Greenperform Highbay G2

BY688P LED 140/CW PSD S-HRO

LED module 15600 lm, Cool white, Power supply unit with DALI interface, High-rack optic

GreenPerform LED Highbay luminaire isbdesigned to replace traditional up to 400W HID Highbays. This advanced lighting system can deliver up to 77% energy savings. The system delivers simple, point to point replacement of up to 400W HID Highbays with three easy installation methods. The unique flat design means you have the flexibility to install by hook, pendant or bracket. GreenPerform LED Highbay will also reduce downtime. In the event of a power failure they turn on instantly, compared to the slower warm up of traditional HID lamps. They provide exceptionally high-performance in a range of applications. There are three beam shapes to choose from and the high-rack optics are engineered to illuminate vertical planes with exceptionally high accuracy

Product data

General Information	
Lamp family code	LED156 [LED module 15600 lm]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver included	Yes
CE mark	-
Flammability mark	-
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 30 s

Light Technical	
Correlated Color Temperature (Nom)	6500 K
Color rendering index (CRI)	85
Light source color	Cool white
Optic type	High-rack optic
Optical cover type	Tempered glass
Luminaire light beam spread	100°

Operating and Electrical	
Line Frequency	50 to 60 Hz
Power Consumption	130 W

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Power Factor (Fraction)	0.95
Connection	-
Cable	Cable 3.0 m without plug

Temperature

Ambient temperature range	-25 to +45 °C

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Constant light output	Yes

Mechanical and Housing

Housing Material	Metal
Optic material	Polycarbonate

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7.5%
Initial chromaticity	-
Power consumption tolerance	+/-10%

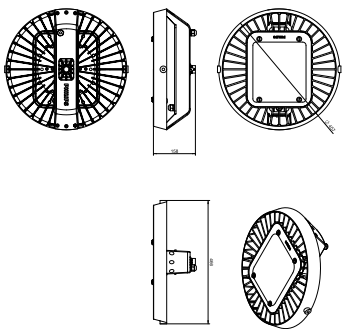
Application Conditions

Maximum dim level	1% (depends on dimmer, ELV)

Product Data

Order product name	BY688P LED 140/CW PSD S-HRO
Full product name	BY688P LED 140/CW PSD S-HRO
Full product code	911401573811
Order code	01573811
Material Nr. (12NC)	911401573811
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing



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